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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND SYSTEM FOR FILTERING OF INFORMATION ENTITIES

the specification of which is attached hereto unless the following box is checked:

was filed on 10/08/97
as United States Application Number or PCT International Application Number 08/947,221
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 USC §119(a-d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):**Priority Not Claimed**

(Number) _____ (Country) _____ (Day/Month/Year Filed) _____

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Provisional Application(s):

(Application Number) _____ (Filing Date) _____

I hereby claim the benefit under 35 USC §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number) _____ (Filing Date) _____ (Status - patented, pending, abandoned) _____

Power of Attorney:

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Thomas R. Berthold (#28,689)
Robert B. Martin (#26,945)
James C. Pintner (#33,272)
Romualdas Strimaitis (#35,697)
Khanh Q. Tran (#41,352)

John E. Hoel (#26,279)
Christopher A. Hughes (#26, 914)
Edward A. Pennington (#32,588)
Joseph C. Redmond, Jr. (#18,753)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Address all telephone calls to:

James C. Pintner
(408) 927-3364

Address all correspondence to:

James C. Pintner
IBM Corporation
Dept. C4TA/J2B
650 Harry Road
San Jose, CA 95120-6099

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:

SOUMEN CHAKRABARTI

Inventor's signature:

Soumen Chakrabarti

Date: 3/19/98

Residence: 6174 Cottle Road #F-6, San Jose, California 95123

Citizenship: India

Post Office Address: Same

Full name of second joint inventor:

BYRON EDWARD DOM

Inventor's signature:

J. E. Dom

Date: 3/19/98

Residence: 111 Sebastian Court, Los Gatos, California 95032

Citizenship: U.S.A.

Post Office Address: Same

Full name of third joint inventor:

DAVID ANDREW GIBSON

Inventor's signature:

D. Gibson

Date: 3/19/98

Residence: 2672 Hilgard Avenue, Berkeley, California 94709-1002

Citizenship: South Africa

Post Office Address: Same

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Full name of fourth joint Inventor: JON MICHAEL KLEINBERG

Inventor's signature:

Date:

Residence: 213 Highgate Rd. #2, Ithaca, NY 14850
~~XXXXXX County, California 95082~~

Citizenship: U.S.A.

Post Office Address: Same

Full name of fifth joint Inventor: PRABHAKAR RAGHAVAN

Inventor's signature:

Date: Apr. 2 '98

Residence: 20797 Granada Court, Saratoga, California 95070

Citizenship: U.S.A.

Post Office Address: Same

Full name of sixth joint Inventor: SRIDHAR RAJAGOPALAN

Inventor's signature:

Date: 13th March '98

Residence: 1010 Foxchase Drive #118, San Jose, California 95123

Citizenship: India

Post Office Address: Same

Full name of seventh joint Inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address: Same

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Full name of sole or first inventor:

SOUMEN CHAKRABARTI

Inventor's signature:



Date: 3/19/98

Residence: 6174 Cottle Road #F-6, San Jose, California 95123

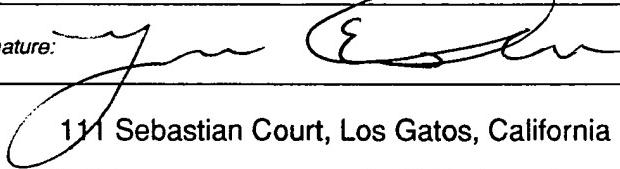
Citizenship: India

Post Office Address: Same

Full name of second joint inventor:

BYRON EDWARD DOM

Inventor's signature:



Date: 3/19/98

Residence: 111 Sebastian Court, Los Gatos, California 95032

Citizenship: U.S.A.

Post Office Address: Same

Full name of third joint inventor:

DAVID ANDREW GIBSON

Inventor's signature:



Date: 3/19/98

Residence: 2672 Hilgard Avenue, Berkeley, California 94709-1002

Citizenship: South Africa

Post Office Address: Same

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Full name of fourth joint inventor: JON MICHAEL KLEINBERG

Inventor's signature: *Jon M. Kleinberg* **Date:** 4/7/98

Residence: 213 Highgate Rd. #2, Ithaca, NY 14850
~~XXXXXX County #5, Los Gatos, California 95082~~ *jmk*

Citizenship: U.S.A. **Post Office Address:** Same

Full name of fifth joint inventor: PRABHAKAR RAGHAVAN

Inventor's signature: *P. Raghavan* **Date:** Apr. 2 '98

Residence: 20797 Granada Court, Saratoga, California 95070

Citizenship: U.S.A. **Post Office Address:** Same

Full name of sixth joint inventor: SRIDHAR RAJAGOPALAN

Inventor's signature: *Sridhar Rajagopalan* **Date:** 13th March '98

Residence: 1010 Foxchase Drive #118, San Jose, California 95123

Citizenship: India **Post Office Address:** Same

Full name of seventh joint inventor:

Inventor's signature: **Date:**

Residence:

Citizenship: **Post Office Address:** Same